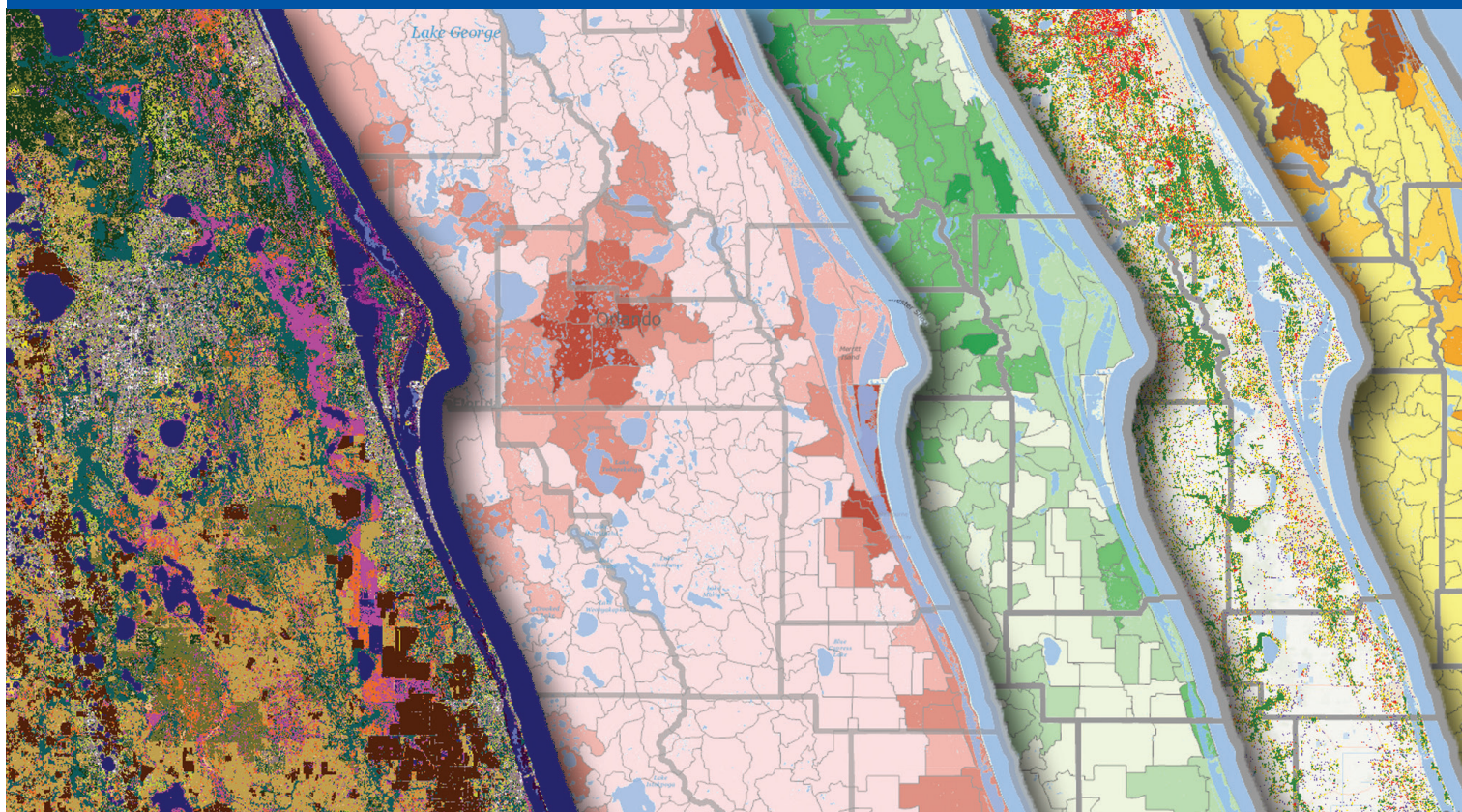


COASTAL LAND COVER PRODUCTS



To better understand the impacts of land use and other management decisions, reviewing maps that document land cover (forests, development, wetlands, etc.) and how it has changed is essential.

Coastal Change Analysis Program (C-CAP) land cover data and maps cover intertidal areas, wetlands, and adjacent uplands. These maps, updated every five years, represent the coastal portion of the National Land Cover Database. Comparing one year to another documents land cover changes over time.

These data are used in many applications and tools, enabling communities to incorporate land cover data into conservation, green infrastructure, and hazards planning initiatives. Visit the website to access land cover data, maps, tools, and more.

www.coast.noaa.gov/digitalcoast/data/ccapregional

Land cover products include

- Data
- Maps
- Tools
- Technical assistance
- Case studies



DIGITAL COAST
Office for Coastal Management





LAND COVER RESOURCES

Data

- **Regional Land Cover** – Produced at a 30-meter resolution for the coastal areas of the contiguous U.S. Data are updated every 5 years from multiple dates of remotely sensed Landsat imagery and ancillary information.
www.coast.noaa.gov/digitalcoast/data/ccapregional
- **High-Resolution Land Cover** – Produced at a 1- to 4-meter resolution for select project areas within the contiguous U.S., Hawaii, and U.S. territories in the Pacific and Caribbean. Multiple dates of data are available in some locations.
www.coast.noaa.gov/digitalcoast/data/ccaphighres
- **Wetland Potential Product** – Represents the likelihood of an area to have a wetland. Produced using a combination of data and modeling methods at a 30-meter resolution for the coastal areas of the contiguous U.S.
www.coast.noaa.gov/digitalcoast/data/wetland-potential
- **Forest Fragmentation** – Represents forest fragmentation spatial patterns produced at a 30-meter resolution. Four categories (patch, edge, perforated, and core) are mapped to provide an indication of forest ecosystem quality.
www.coast.noaa.gov/digitalcoast/data/forestfrag

Tools

- **C-CAP Land Cover Atlas** – Provides user-friendly access to land cover and land cover change data over time for a specified county, island, or watershed.
www.coast.noaa.gov/digitalcoast/tools/lca
- **C-CAP Coastal Comparison Tool** – Compares land cover statistics of different geographies (county, state, region, nation) within the contiguous United States.
www.coast.noaa.gov/digitalcoast/tools/ccap-comparison

Information

- **Regional Land Cover Change Summary Reports** – Summarize regional land cover changes from 1996 to 2011.
www.coast.noaa.gov/digitalcoast/publications/regional-land-cover-change